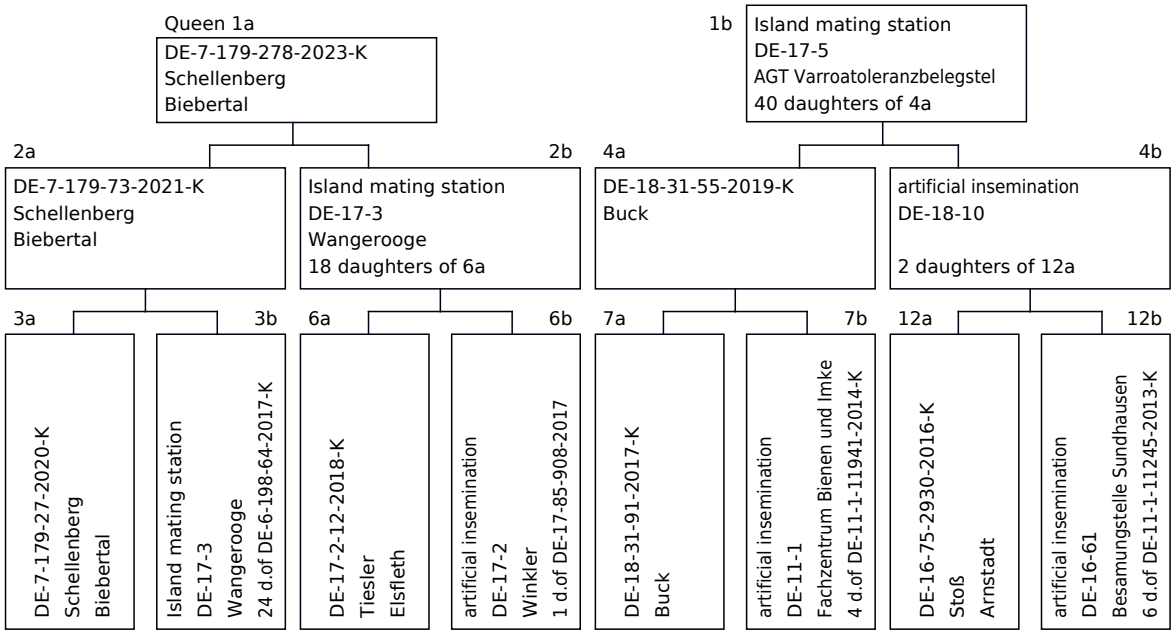
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-179-278-2023-K

Landesverband Hessischer Imker e.V.

Tester of the queen:	Eichholz, Uwe, 36396 Steinau, DE-7-173, Apiary 2	
Breeder of the queen:	Schellenberg, Stefan, 35444 Biebertal, DE-7-179	
1a Studbook number:	**DE-7-179-278-2023-K**	
		Daughters of
Race line: -C2	Sign: red 78	Queen: 2.2%
Generation: 7	Hatch date: 14.07.2023	Workers: 1.9%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	48.7	133	3	16	36.6

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	114	
Honey yield	-	108	0.48
Defensive behavior	3.50	110	0.55
Steadiness on comb	3.30	105	0.55
Swarming drive	3.90	119	0.5
Varroa	-	110	0.51
Performance index	-	112	0.48
Robustness in winter	3.50		
Development in Spring	4		
Colony strength	3.70		

70% 100% 170%

[1]In accordance with the resolution of the breeder convention of 9th April 2011, for the total breeding value, Varroa tolerance is weighted by 40% and honey yield, gentleness, calmness during inspection, and swarming tendency are each weighted by 15%.

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class Av
Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

13.12.2025

For the correctness DE-7

Breeding selection report DE-7-179-278-2023-K

Page 2

Performance of the sisters

Amount of checked sisters: 10

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive Behavior	Calmness during inspection	Breeding Value Calmness during	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-7-179-277-2023	DE-7-173	2	112	17.3	99	3.7	114	3.7	110	2	107	110*	109
DE-7-179-278-2023-K	DE-7-173	2	114	48.7	108	3.5	110	3.3	105	3.9	119	110	112
DE-7-179-290-2023	DE-7-173	2	114	35.6	105	3.2	108	3.3	104	3.7	117	113	110
DE-7-179-302-2023	DE-7-179	2	117		110		115		111		122	110	117
DE-7-179-306-2023	DE-7-179	2	113		102		115		111		118	106	114
DE-7-179-307-2023	DE-7-179	2	113		103		105		102		109	117	106
DE-7-179-308-2023	DE-7-179	2	116		108		110		107		116	114	112
DE-7-179-317-2023	DE-7-179	2	113		104		115		111		118	106	114
DE-7-179-319-2023	DE-7-179	2	113		104		110		107		115	110	111
DE-7-179-322-2023	DE-7-179	2	115		108		115		111		121	107	116

Only one Varroa trait was recorded